

MD 28 IS ASSUMED TO RUN
IN AN EAST/WEST DIRECTION

TOD No: XX354-11
SHA No: MO255A54/K54
MD 28 @ Hurley Avenue

APS NOTES:

1. PUSH BUTTONS ARE TO BE LOCATED SO THAT THEY CAN BE ACTIVATED BY A PERSON IN A WHEELCHAIR REACHING LESS THAN 18' FROM A 60" X 60" LEVEL LANDING AREA WITH A CROSS SLOPE OF LESS THAN OR EQUAL TO 2%.
2. THE 10' SEPARATION BETWEEN PUSH BUTTONS IS TO BE MEASURED FROM FACE OF PUSH BUTTON TO FACE OF PUSHBUTTON, NOT CENTER TO CENTER OF POLE.
3. PUSH BUTTON ARROWS ARE TO BE PARALLEL TO THE CROSSING FOR WHICH THEY ARE INTENDED.
4. LOCATION OF ACCESSIBLE PEDESTRIAN SIGNAL PUSHBUTTONS MUST MEET LOCATION REQUIREMENTS OF MUTCD SEC. 4E.09 AND FIG. 4E.2 AND THE NCHRP PUBLICATION, "ACCESSIBLE PEDESTRIAN SIGNALS: GUIDE TO BEST PRACTICE". IF NOT MET, THE CONTRACTOR IS TO STOP WORK ON PUSH BUTTON LOCATIONS UNTIL A DESIGN WAIVER IS OBTAINED, APPROVED BY THE DIRECTOR, OFFICE OF TRAFFIC AND SAFETY.
5. APS WILL FUNCTION AS FOLLOWS:

TO CROSS MD 28 (W. MONTGOMERY AVE) AT HURLEY AVE.

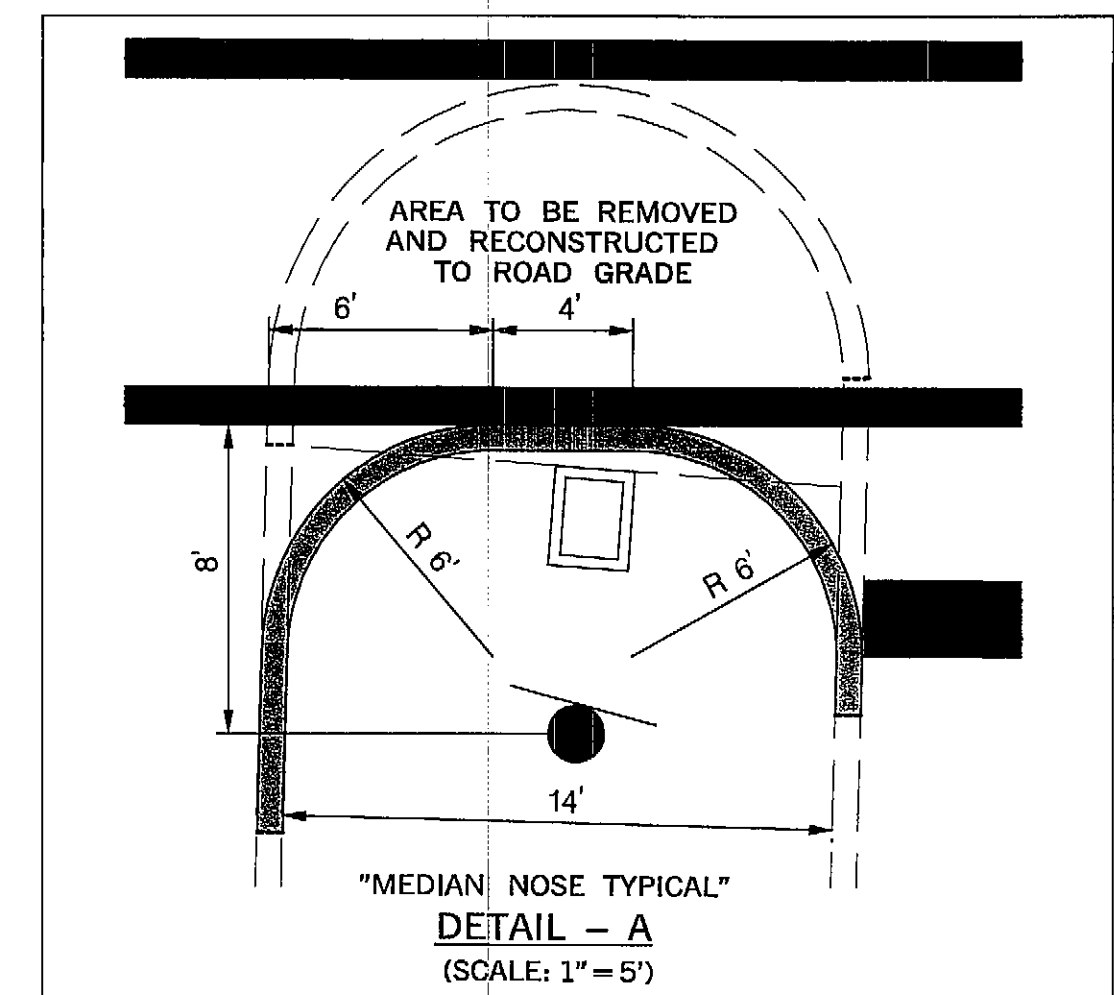
- A. WHEN A PEDESTRIAN LOCATES AND PRESSES THE PUSHBUTTON FOR AN EXTENDED TIME, THE PUSHBUTTON UNIT WILL ANNOUNCE THE FOLLOWING MESSAGE:
"WAIT TO CROSS WEST MONTGOMERY AT HURLEY. WAIT."
B. WHEN THE "WALK" PHASE BEGINS, THE MESSAGE WILL BE A RAPID TICK, WHICH WILL LAST FOR THE DURATION OF THE "WALK" PHASE.

TO CROSS HURLEY AVE AT MD 28 (W. MONTGOMERY AVE).

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GEOMETRIC CONSTRUCTION DETAILS:

- A. INSTALL MODIFIED PARALLEL SIDEWALK RAMP (STANDARD NO. MD 655.12).
B. REMOVE EXISTING CURB & GUTTER AND MEDIAN. INSTALL CONCRETE TO GRADE AS NECESSARY.
C. INSTALL DETECTABLE WARNING SURFACE (STANDARD NO. MD 655.40).
D. INSTALL STANDARD TYPE A COMBINATION CURB AND GUTTER (STANDARD NO. MD 620.02).
E. BEGIN 12:1 RAMP
F. BEGIN 48:1 LEVEL LANDING AREA.
G. TIE IN RAMP WITH EXISTING SIDEWALK AT JOINT.
H. TIE NEW CURB TO EXISTING CURB AT JOINT.
J. REMOVE EXISTING RAMP, INSTALL NEW SIDEWALK AND TIE TO EXISTING SIDEWALK.
K. REMOVE EXISTING SIDEWALK RAMP AND BACKFILL WITH SEED AND MULCH.



MD 28
(W MONTGOMERY AVE)

HURLEY AVE

LEGEND SYMBOL

- 48" SIGNAL POLE FOUNDATION
- 36" SIGNAL POLE FOUNDATION
- 24" PED POLE FOUNDATION
- 18" PED POLE FOUNDATION W/SIGN AND PUSHBUTTON
- PED SIGN
- PED PUSHBUTTON
- SIGNAL CABINET W/PAD
- POWER PEDESTAL
- HANDHOLE

GEOMETRIC LEGEND

- EXISTING SIDEWALK/ CURB JOINT
- NEW SIDEWALK AND ADA HANDICAP RAMP
- SEED AND MULCH

NOTE:
SIDEWALK JOINTS ARE
APPROXIMATELY LOCATED.

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SHA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD 28 (W. MONTGOMERY AVE.) AT HURLEY AVE.
ROCKVILLE, MD

GEOMETRIC PLAN SHEET

SCALE 1" = 10' DATE 08/20/10 CONTRACT NO. XX3545168R

DESIGNED BY XM COUNTY MONTGOMERY
DRAWN BY XM LOGMILE 15002820.48
CHECKED BY JB TMS NO. K364
F.A.P. NO. TOD NO.

TS NO. 658G DRAWING - 2 OF SHEET NO. 2 OF 3

PLOTTED: 08/20/10 10:27 AM
FILE: P:\09-002 TEDD\Task 35 MD 28 @ Hurley Ave\Drawings\Working\SG-P002_MD28@HurleyAve.dgn